


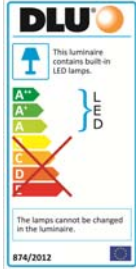




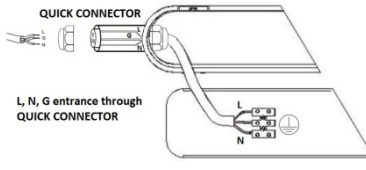
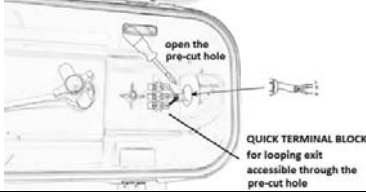


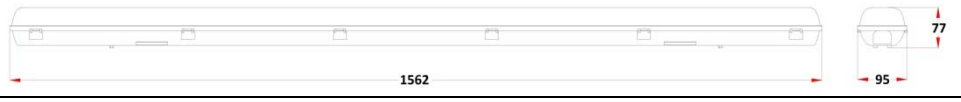


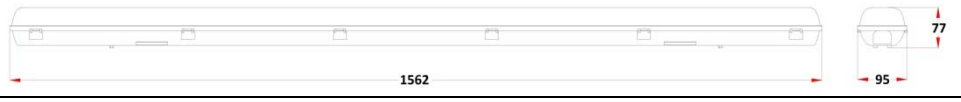


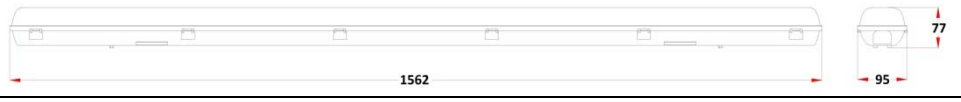


## LED FIXTURES

### FIXED IP65 FIXTURES WITH INTEGRATED LEDs EVO

20W	40W	60W						
			   					
								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">20W</td> <td style="text-align: center;">  </td> </tr> <tr> <td style="text-align: center;">40W</td> <td style="text-align: center;">  </td> </tr> <tr> <td style="text-align: center;">60W</td> <td style="text-align: center;">  </td> </tr> </table>	20W			40W		60W		
20W								
40W								
60W								

Fixed IP65 wall-mounting fixture, integrating an array of high power LEDs geared by a constant current LED driver. IP65 QUICK CONNECTOR at the L,N,G entrance. The other end is closed, but with a pre-cut hole to eventually receive an IP65 CLAMPING CABLE GLAND given in the accessory bag: at its correspondence inside the fixture, a QUICK TERMINAL BLOCK is internally wired with L,N,G ready for the eventual looping to a subsequent fixture.

Frontal screen in polycarbonate with frosted finish and rifling. Body of the fixture in ABS and clips for closing the frontal screen in polycarbonate. U-Bars for wall fixation in stainless steel.

Accessories (to be separately ordered):

- Clips for closing the frontal screen made in stainless steel.
- Compatible control gears for permanent emergency mode.

CODE	V <sub>in</sub>	P <sub>nom</sub> (W)	PF	Lum.flux (lm)	lm/W	T <sub>c</sub> (K)	R <sub>a</sub>	Beam
FLL5K7V2A-E	220-240V 50/60Hz	20	> 0.5	2100	105	4000	> 80	120°
FLL5K7VEA-E	220-240V 50/60Hz	20	> 0.5	2100	105	6500	> 80	120°
FLL5R7V2C-E	220-240V 50/60Hz	40	> 0.9	4000	100	4000	> 80	120°
FLL5R7VEC-E	220-240V 50/60Hz	40	> 0.9	4000	100	6500	> 80	120°
FLL5T7V2E-E	220-240V 50/60Hz	60	> 0.9	5850	97.5	4000	> 80	120°
FLL5T7VEE-E	220-240V 50/60Hz	60	> 0.9	5850	97.5	6500	> 80	120°



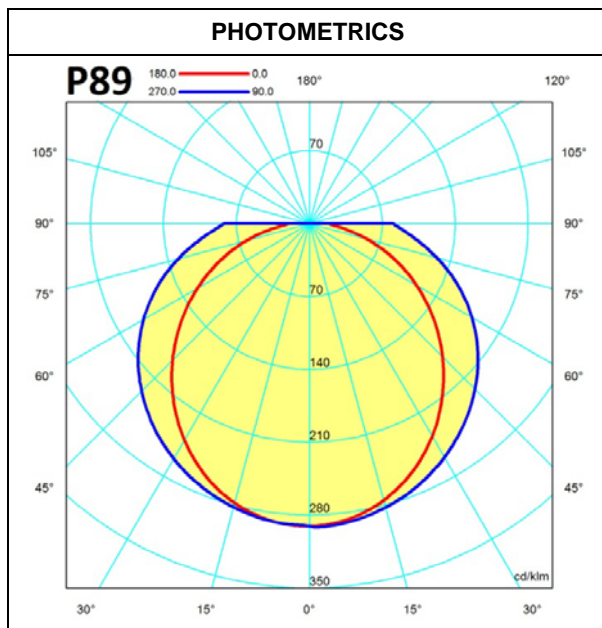
Accessory (to be separately ordered)	Description	Shipment Unit
FLLCLIPME	Clips for closing of the frontal screen made in stainless steel	12-pcs bag

<b>Accessory</b> (to be separately ordered)	For <b>Permanent emergency autonomy 1h</b>	Add the KIT (Emergency unit + battery) model “emerLED 30-220V 3W 1h” (ref 9953063) by ELT
	For <b>Permanent emergency autonomy 3h</b>	Add the KIT (Emergency unit + battery) model “emerLED 30-220V 3W 3h” (ref 9953064) by ELT

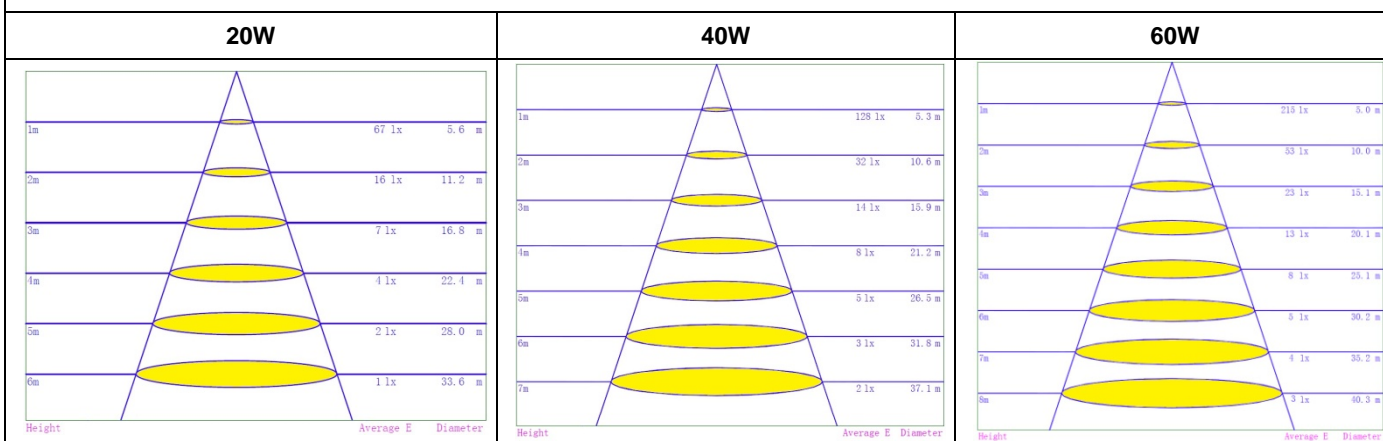
INNOVATIONS IN LIGHTING TECHNOLOGY <http://www.elt.es/en>

Operating electric conditions	220-240V 50/60Hz								
Insulating class									
Not Adjustable									
Useful lifetime	50.000h L70 (Ta=25°C)								
Recommended ambient temperature									
Degree of protection against ingress of dust, solid objects and moisture	IP65								
Degree of protection against external mechanical impacts	IK08								
Weight	<table border="1" style="width: 100%;"> <thead> <tr> <th>P<sub>nom</sub> (W)</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>0.69</td> </tr> <tr> <td>40</td> <td>1.26</td> </tr> <tr> <td>60</td> <td>1.57</td> </tr> </tbody> </table>	P <sub>nom</sub> (W)	kg	20	0.69	40	1.26	60	1.57
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	20	0.69							
	40	1.26							
60	1.57								
Looping of L,N,G through the quick terminal block at the exit end	20W: max 50pcs 40W: max 25pcs 60W: max 15pcs								
Lamp Survival Factor @6000h	0.90								
Lamp Lumen Maintenance Factor @6000h	0.80								
Lamp Lumen Maintenance Factor @50.000h	70% (L70)								
Starting time	< 0.4s								
Number of Switching cycles before failure	> 15.000								
Warm-up time (to 95% of the steady-state luminous output)	< 2.0s								
Failure rate @1000h	< 5.0%								
Colour consistency	MacAdam ellipses step ≤ 6								
Mercury and dangerous substances	Absent								
UV and IR radiation	Absent								

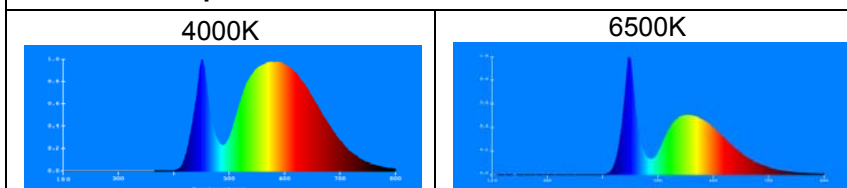
*LED system classified EXEMPT (RISK GROUP 0) in application of the EN 62471: 2008 (CIE S009:2002) standards “Photobiological safety of lamps and lamp systems” and in application of the European Directive 2006/25 on the minimum health and safety requirements regarding the exposure of workers to risks arising from physical agents (artificial optical radiation).*



**LUMINANCE IN FRONT OF THE EMITTING SURFACE**



**Spectral Power Distribution 180-800nm**



Reference Standards: EN60598-1; EN60598-2-1; EN 62722-2-1; IEC62471; EN55015; EN61000-3-2; EN61000-3-3; EN61547; EN62493  
 EU and Regulations: 2014/35; 2014/30; 92/31; 93/68; 2009/125 (Reg.no.1194/2012); 2012/27 (Reg.Del. no.874/2012 and Reg. no.1369/2017); 2011/65; 2012/19

	<p><b>Correct disposal of this product</b> (Waste Electrical &amp; Electronic Equipment) Applicable in countries with separate collection systems</p> <p>This graphic symbol placed on the product and on the package indicates that the product should not be disposed with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and responsibly recycle them to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased the product, or their local government office, for details on where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract; this product should not be mixed with other commercial wastes for disposal.</p>
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